

### **Specification**

**[00010]** In another aspect, the invention features ~~a~~ an inventory system for managing resources of a private communications network. The inventory system comprises a structured address format having a plurality of address segments. Each address segment is associated generally with one or more properties of a managed resource of the private communications network. The inventory system also includes means for assigning to the managed resource a structured address constructed according to the structured address format. Each address segment of the assigned structured address has a value that conveys information about one or more properties of the managed resource.